

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	133890	pll annd voltage with current with convert\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:42
L3	2859	pll and voltage with current with convert\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:42
L4	310	pll and voltage with current with convert\$4 with data	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:42
L5	161	pll and voltage with current with convert\$4 with data and phase adj4 detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:44
L6	0	pll and voltage with current with convert\$4 with data and phase adj4 detect\$4 and ("7054374").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:43
L7	0	pll and voltage with current with convert\$4 with data and ("7054374").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:43
L8	0	voltage with current with convert\$4 with data and ("7054374").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:43
L9	0	voltage with current with data and ("7054374").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:54
L10	25	pll and voltage with current with convert\$4 with (plurality or multiple) with data and phase adj4 detect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:44
L11	68	voltage with current, and ("7054374").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:54
L12	1	voltage with current and ("7054374").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:54

## EAST Search History

S1	1	"20050163204"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/07 14:18
S2	0	S1 and digital\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 16:23
S3	1	S1 and digital\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 16:24
S4	1	("5663991").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 16:24
S5	1	S4 and digital\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 19:05
S6	3	"6795496"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 19:54
S7	0	"6795496" and dither	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 19:24
S8	0	"6795496" and insert with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 19:24
S9	33	pll with digital and jitter and insert\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 19:57
S10	33	pll with digital and jitter and insert\$4 with (dither or jitter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:09
S11	1	("20050069031").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:09
S12	1	S11 and rms	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:13

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S13	261	pll and root adj mean adj square	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:13
S14	69	pll and root adj mean adj square and (dither\$4 or insert\$4 with jitter or generat\$4 with jitter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/10 06:42
S15	23	digital\$4 with pll and root adj mean adj square and (dither\$4 or insert\$4 with jitter or generat\$4 with jitter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:27
S16	1	digital\$4 with pll and root adj mean adj square and (dither\$4 with unit)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:30
S17	71	digital\$4 with pll and (dither\$4 with unit)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:30
S18	0	digital\$4 with pll and (dither\$4 adj unit) with data	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:30
S19	0	digital\$4 with pll and (dither\$4 adj unit) with data with delay adj line	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:30
S20	0	digital\$4 with pll and (dither\$4 adj unit) with data same delay adj line	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:30
S21	0	digital\$4 with pll and (dither\$4 adj unit) with data and delay adj line	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:31
S22	0	digital\$4 with pll and (dither\$4 adj unit) with data	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 20:31
S23	30	digital\$4 with pll and (dither\$4) with data	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 22:42
S24	57	(375/354-355,362,371,373-376, 226).ccls. and jitter and edge with (position or value) and delay adj line and digital	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 22:43

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S25	20	(375/354-355,362,371,373-376, 226).ccls. and jitter and edge with (position or value) and delay adj line and digital and (insert\$4 or generat\$4) with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 22:44
S26	31	(375/354-355,362,371,373-376, 226).ccls. and jitter and edge with (position or value) and delay adj line and digital and latch\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 22:44
S27	19	(375/354-355,362,371,373-376, 226).ccls. and jitter and edge with (position or value) and delay adj line and digital and latch\$4 with edge	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 22:46
S28	18	(327/147,156,161-163,182-183). ccls. and jitter and edge with (position or value) and delay adj line and digital and latch\$4 with edge	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:10
S29	0	(370/350,503,516-519,518)".ccls" and jitter and edge with (position or value) and delay adj line and digital and latch\$4 with edge	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 22:47
S30	2	(370/350,503,516-519,518).ccls. and jitter and edge with (position or value) and delay adj line and digital and latch\$4 with edge	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/16 22:47
S31	0	(702/69).ccls. and jitter and edge with (position or value) and delay adj line and digital and latch\$4 with edge	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:26
S32	4	("20010037189"   "5293520"   "6263290"   "6356850").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 20:06
S33	0	edge adj postion and edge adj transition and delay	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:11
S34	1	measur\$4 with jitter and edge with position with transition with delay	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:11
S35	1	measur\$4 with jitter and edge with position with transition same delay	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:11

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S36	3	measur\$4 with jitter and edge with position same transition same delay	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:13
S37	1	("5761254").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:13
S38	18	("5761254").URPN.	USPAT	OR	OFF	2006/07/05 20:13
S39	3347	edge with detect\$4 with filter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:25
S40	20	edge with detect\$4 with filter and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:38
S41	152338	filter with receiv\$4 measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:39
S42	42	filter with received adj signal and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:40
S43	6	filter with received adj signal with (analog adj4 digital or sampler) and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:41
S44	63	filter with (analog adj4 digital or sampler) and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:46
S45	0	edge adj position with filter with (rms or average)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 20:57
S46	270	delay adj line and samp\$4 and (encod\$4 or (location or position) with edge) and delay adj value	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 22:13
S47	328	delay adj line and samp\$4 and (encod\$4 or (location or position) with edge) and delay adj (value or amount)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:00

## EAST Search History

S48	52	delay adj line and samp\$4 and (encod\$4 or (location or position) with edge) and delay adj (value or amount) and rms and peak adj4 peak	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:01
S49	2	delay adj line and samp\$4 and (encod\$4 or (location or position) with edge) and delay adj (value or amount) and rms and peak adj4 peak and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:05
S50	0	delay adj line and samp\$4 and (count with (location or position) with edge) and delay adj (value or amount) and rms and peak adj4 peak and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:07
S51	2	delay adj line and samp\$4 with (register or buffer) and transition with delay with (amount or value) and edge adj position and peak adj4 peak	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:09
S52	0	("702").ccls. and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:27
S53	0	("702"/..).ccls. and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:27
S54	0	("702"/...).ccls. and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:27
S55	194	("702"/\$).ccls. and measur\$4 with jitter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:28
S56	7	("702"/\$).ccls. and measur\$4 with jitter and edge adj position	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:28
S57	12	("702"/\$).ccls. and measur\$4 with jitter and delay adj line	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:30
S58	23	("702"/\$).ccls. and measur\$4 with jitter and peak adj4 peak and rms	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 21:31

## EAST Search History

S59	1	("5400370").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 22:35
S60	0	S59 and "38"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 22:14
S61	1	S59 and "68"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 22:14
S62	1	S59 and filter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 22:52
S63	1	S59 and (magnitude or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/05 22:52
S64	4	(("5991331") or ("5103459") or ("6694147") or ("6321082")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/07/07 14:18